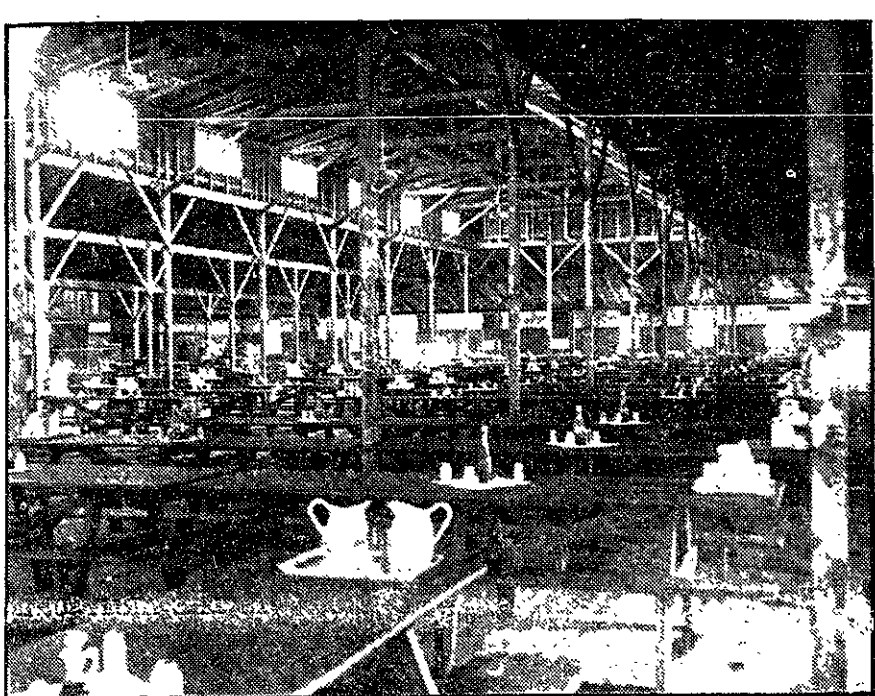


Student Army Training Corps' New Mess Hall Running Smoothly At Low Expense

Enormous Amount of Food Is Served Daily To Hungry S. A. T. C. Men By Cafeteria System

COSTS LESS THAN \$100 A DAY



(C) Boston Photo News Co.
INTERIOR OF MESS HALL

The Mess Hall of the S. A. T. C. at Technology is a large frame structure with an enclosed porch where hats are hung. The inside is all one immense room, filled with tables seating ten men. There are four entries of two lines each. Every man entering the hall is counted; passing up to the counter he takes the necessary silver and a tray, still further on he gets his food. The service is cafeteria, and the fellows do not take care of their own dishes after eating, but leave the hall immediately. The tables are cleared off to make way for the second group, as the meals are served in two shifts. Following is the schedule of hours:

Breakfast: 6.30-8.00.
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Everyone is very well satisfied with his fare, and marvels at the way such good meals can be served to so many fastidious mouths. Mrs. McLean is in charge, ably assisted by Miss Hamblin who is in control of the Hall itself. How well this most difficult task is handled is evidenced by the praise of all. One should see the great gusto with which the fellows dispose of their food to appreciate the efforts of these women. The following will give some idea of the size of their task:

Three hundred pies are eaten daily, as are 100 gallons of pudding, 200 dozen rolls, 150 doz. muffins, 350 gallons soup, 400-gallons beans, 9 cases eggs. Today the fellows had their choice of hot or cold cereal, 2 boiled eggs, coffee, milk, bread, prunes for breakfast. For dinner the soup, stew, coffee or milk, bread and butter, and chocolate pudding were very good. Supper consisted of soup, beans, coffee or milk, bread and butter, and ice cream. This is all done on an allowance of 25 cents per meal per man.

For the benefit of the fellows we may say that they are getting better food than if the Hall were run as a business proposition. At present the cost of upkeep is running behind about \$100 per day. The Hall was originally intended to provide for 1800 men per meal, but under actual conditions only 1200 are being served. This obviously entails an overhead expense which was unexpected and unnecessary, but if there were 600 more eating they could, without increasing the present operating cost one cent, meet this overhead. There is a possibility of opening a part of the room to those not in the S. A. T. C. and civilians.

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Wednesday morning the male members of the British Education Mission met at the home of President A. Lawrence Lowell in Cambridge and for more than two hours visited various Harvard buildings. The two women of the party, after a busy day Tuesday, spent the forenoon in resting. The programme for the entertainment of the mission was brought to a close last evening with the reception at the American Academy of Arts and Sciences.

Among the professors present at the reception were A. C. Lane of Tufts and the following named men representing Harvard: E. C. Moore, James Hardy Ropes, C. H. Grandgent, George Baker, G. H. Parker, W. C. Sabine, Albert Bushnell Hart, F. N. Robinson, J. H. Woods and Kirsopp Lake.

As the next two cities to be visited are in Canada, the Duke of Devonshire, Governor General of the Dominion, placed his private car at the disposal of the mission and in this the members left the North Station, arriving in Montreal Thursday morning. Toronto will be the next city visited, and if the itinerary is followed, subsequent places will be Ann Arbor, Chicago, Madison, Minneapolis, St. Paul, Des Moines, St. Louis, Cincinnati, Lexington, Louisville, Nashville, New Orleans, Tuskegee, Chapel Hill, Charlottesville, Washington, D. C., and back to Boston, where it is planned to spend three days before sailing for England.

While in Chicago the mission will take part in the meeting of the National Association of State Universities, which convenes Nov. 11 and 12; and on the return to Boston it will participate in the meetings of the Association of American Universities and the Society for the Promotion of Engineering Education at Harvard University and the Institute.

CLEOFAN STARTS

Society for Women Students To Give Teas

Cleofan, the society for the women students at Technology, is merely that—a society for the women students. It lays claims to no pretentious aims, such as intellectual elevation or the promotion of a more intimate acquaintance with Shakespeare. While not aspiring to aims, it has hopes, for it hopes to bring the women together occasionally in a social way and promote a feeling of fellowship which it is so difficult to obtain and sandwich in between the exactions of work and study that monopolize one's time at Technology.

Membership is not voluntary; a woman student is inducted into Cleofan just as naturally as a student in the S. A. T. C. into the army. Meetings are held once every four or five weeks; they are informal affairs and take place at the end of the school day. The opening tea, held on Tuesday, October 22,

(Continued on page 4)

Tonight (Saturday), Lt. Hugh Lofting '09, a member of the Irish Guards, just returned from the front line trenches, will give an address in Room 10-250. Singing will be lead by Mr. Natzgar of the Harvard Radio Y. M. C. A.

PROF. TALBOT GIVING LECTURES ON CHEMISTRY AND THE WAR

Professor Talbot gave an illustrated lecture on "Chemistry and the War" before the Weeks Institute at Clinton, Massachusetts, on October 28. He is scheduled to give an illustrated lecture on "Peach Stones, Chemistry, and the War" at the Newton High School in November, and a lecture on "Chemistry and the World War" before the Manchester Institute of Arts and Sciences at Manchester, New Hampshire, in December, besides two talks in November before private clubs.

BILLIONS OF MATERIAL FOR A. E. F.

Six billion matches have just been purchased by the subsistence division of the Quartermaster Corps for use of the American Expeditionary Force. This purchase represents about one hundred million boxes. Most of them will be packed in containers adapted for mobile and trench warfare. Since northern France is almost continually damp the packages have been made watertight.

MILITARY OFFICE ORDERS

No Passes To S. A. T. C. Men For Week End

The following general and special orders have been issued by Major Cole regarding vaccination, inoculations, appointments and other matters of importance:

Headquarters S. A. T. C., M. I. T., Cambridge, Mass., November 1, 1918.

SPECIAL ORDERS, NO. 8
Extract

1. No smoking on any condition will be permitted in Building 1. Non-Commissioned Officers and section leaders will enforce the above regulations.

2. Army men will be especially careful not to make a noise in Building 1 when excused from study period in the evening as the Navy Unit has taps at 9.30. Section leaders will be required to enforce this order.

3. Army men will not use the toilets in Building 1 on the first and third floors.

4. Whenever they use the showers in Building 1 S. A. T. C. men will police them on leaving.

5. S. A. T. C. men will police after them whenever they leave Building 1.

6. Vaccinations and inoculations will be held in the Bacteriological Laboratory as yesterday.

By order of Major Cole.
JOHN M. B. CHURCHILL,
2nd Lieut. Inf., U. S. A.

Headquarters, S. A. T. C., M. I. T., Cambridge, Mass., October 30, 1918.

SPECIAL ORDERS, NO. 15

1. On account of the vaccination no passes will be issued for Saturday and Sunday of this week except for urgent reasons and Company Commanders will not send up passes except in accordance with this direction. The whole of the Saturday and Sunday leisure period may be used for finishing up the vaccination.

2. Visitors will not be allowed in the Hospital except parents to see men well enough to meet them in the reception room, or in case of very dangerous illness when parents may be notified and special facilities given them. Outside physicians are not necessary or allowed. We have an ample number of competent physicians for attending to all cases and no outside assistance is desired or permitted. Cases needing special nursing or treatment of an operative nature will be attended to by the government.

(Continued on page 4)

NAVAL UNIT ELEVEN TO GO AGAINST EXETER

For The First Time In Years
A Football Team Composed
Of Men From All Classes Is
Formed

GAME TO BE PLAYED AT EXETER

Football, as a sport representative of the entire Institute, will be given its first appearance today when the eleven which has been formed in the Naval unit will do battle with the Exeter Academy's team on the Exeter field. Aside from a few outside games which the class teams have played in past years, this is the first football game in which members of all classes participated for years. Memories of days before 1910 when the Institute was feebly represented by a football team are recalled, and it is the current opinion that the new inauguration of the sport will prove more successful than any former attempts.

Since the organization of the team, practice has been taking place daily during the noon drill hour and Captain John L. Hurley believes that a fine varsity team can be picked from the promising material now reporting. All the men who struggled with the pigskin in former inter-class battles, are playing a fine game this year, according to Coach John McAuliffe.

Today's game with Exeter will be in the nature of practice and it is thought that the demonstration given here will do much towards indicating the members of the varsity team. No definite schedule of games has been arranged as yet, but it is known that the local Naval unit will have a chance to compete with the one at Harvard Worcester Polytechnic Institute, Boston University and the Institute army unit.

The line-up for today's game will be:

Clarke	.....	r e
Galagan	.....	r t
Spaulding	.....	r g
Herlihy	.....	c
Boli	.....	l g
Johnson	.....	l t
Barker	.....	l e
Mason	.....	q b
Hurley	.....	l h
Brokshaw	.....	f b
Lane	.....	r h

The extras who have been picked to make the trip are: Ford, r e; Mareses, r g; Freeman, f b; Krantz, r h.

FROSTED POTATOES

Frosted and decayed potatoes have been found in trials conducted by the United States Department of Agriculture to be entirely capable of producing acceptable and frequently normal yields of clean, white starch of good quality. Much of this material appears to possess a potential value for the production of sizing starch approximating that of the stock at present used for this purpose. The mechanical difficulties in recovery from decayed pulp are sometimes greater and sometimes less than from normal stock. Modified procedure adapted to these abnormal pulps doubtless could be devised, department specialists say, but there seems to be no reason why the present method might not be applied profitably in the meantime in the production of sizing starch in factories at the large shipping centers installed to utilize the great quantities of frozen and decayed potatoes arriving during the fall and winter. This would turn to profitable account large supplies at present without value, but which are a serious burden of expense since to their cost of production must be added transportation and dumping charges.

Next Monday at 2 o'clock, and Tuesday and Wednesday at 4 o'clock, Professor Hart of Harvard University will speak to the classes in War Issues on the present government of Germany. As this is a subject of vital interest, Professor Pearson believes many members of the faculty will be interested to attend one of these lectures.

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4.30, Fridays: 9.30-1.30.
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Technology Bureau

University Union

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London Branch, London

BRITISH MISSION

(Continued from page 1)

University of London, Head of the Department of English Literature at Bedford College, Fellow of King's College for Women, London, and Fellow of the Royal Society of Literature.

Miss Rose Sidgwick, a graduate of Somerville College, Oxford, is now Lecturer in Ancient History at the University of Birmingham. The Journal of Education, in announcing her earlier appointment as Assistant Lecturer, in 1905-1906, remarked: "The appointment of Miss Sidgwick has perhaps a special interest, as it has not yet often happened that women have been appointed to academic posts after an open competition with men."

Sir Henry Miers has been for many years a Fellow and Governor of Eton, and Fellow of Magdalen College, Oxford. He was knighted in 1912, and is a member of the committee appointed by the Prime Minister to report on Adult Education.

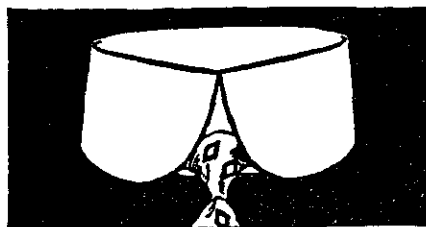
Th Rev. E. M. Walker has played a large part in the life of the University of Oxford during the past thirty years. He has been developing post graduate courses for foreign students in the British Universities since the war began. He represented Oxford at the Conference of Universities, which, in May of this year, met in London to consider the whole question of post-graduate study and its recognition by the conferring of degrees.

Sir Henry Jones, Professor of Moral Philosophy in Glasgow University, is, as his name implies, a Welshman. He is one of Mr. Lloyd George's oldest personal friends, and as the Prime Minister is the greatest living representative of Welsh political life, so Sir Henry Jones is regarded in Wales as the greatest representative of literary and academic Wales.

Sir Henry's life story is as romantic as that of any man in Great Britain. Like Mr Lloyd George, he has won his high position from very humble beginnings. His father was a cobbler in a small North Wales village, and the son was early apprenticed to his father's trade. It is still his boast that he "can make a shoe with any man in Glasgow." . . . After a short period of study in Germany he returned to his native country, first as a lecturer in the College at Aberystwyth, and then as Professor of Philosophy in the University College of North Wales.

John Joly, M.A., B.A., Engineering, D.Sc., has been Professor of Geology and Mineralogy in the University of Dublin for the past twenty years. For more than thirty years he has carried on research in physics and especially in the application of physics to engineering. One of his earliest inventions was the steam calorimeter, by means of which he succeeded in determining directly the specific heats of gases at constant volume.

Distinguished as a physicist, he is more widely known as a pioneer in the modern method of photography in col-



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**ARROW
COLLARS**
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ors. He was the first, in 1897, to take successful photographs in natural colors by the use of a minutely subdivided screen carrying the three primary colors. This experiment led, ten years later, to the development of the well-known and very efficient Lumiere process, on which colored starch grains are substituted for Joly's colored lines.

C. C. PEPPER '11

(Continued from page 2)

will confer with each disabled man before his discharge from the hospital. If he is able to resume his former occupation successfully or to follow some new occupation without special training the Federal Board will assist him, if he so desires, to secure employment therein.

Should he elect, even, under these circumstances, to take additional training for his occupation before he enters upon employment, the law provides that he may do so at the expense of the Government, under conditions determined by the Federal Board. If, however, he is unable to pursue his old occupation or to enter successfully upon a new occupation, he may be trained by the Federal Board for any vocation or pursuit that he desires to follow and in which in the opinion of the board, he is likely to become proficient.

Every effort will be made to assist the disabled man toward that occupation in which he is most interested and for which, because of his aptitude and experience on the one hand and his handicap on the other, he is best suited. In order to utilize previous knowledge and skill the disabled man will be advised—other things being equal—to elect training, should he need it, for the industry, business, or pursuit in which he was engaged before the war or for one akin to it.

The disabled man, with approval of the board, may elect to be trained in agriculture, commerce, industry, transportation or the professions. The length and character of the course of instruction will depend upon the requirements of the vocation, the ability and interest of the man, and his previous training and experience."

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Waltham make. Excellent watch of new design for the soldier or sailor \$22.00

Omega Model

A double case to protect the movement of the Watch from water and dampness is the special feature of this watch \$25.00

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15-jewel movement \$15.00

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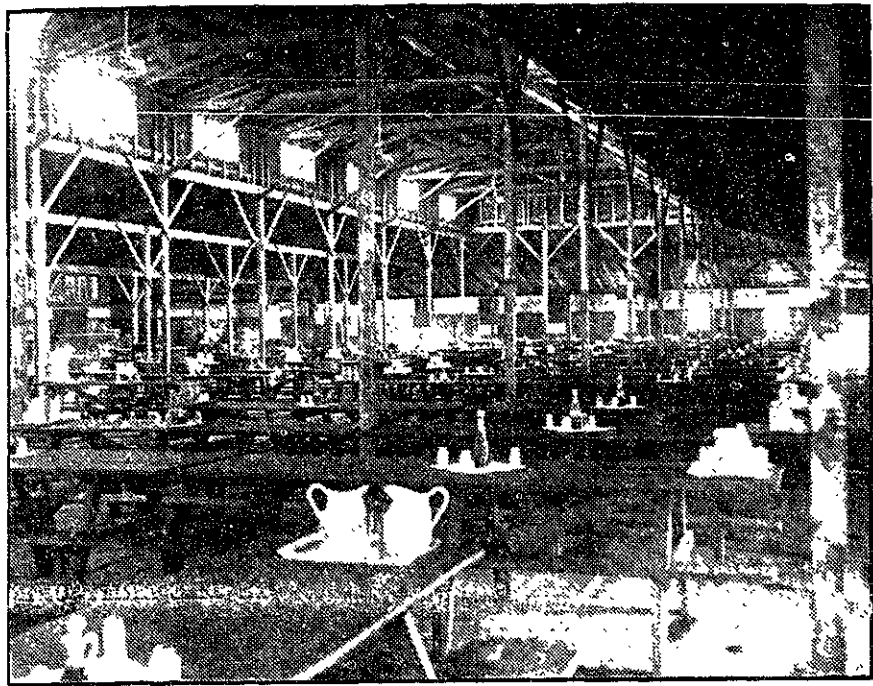
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Will Return to Technology in November

Wednesday morning the male members of the British Education Mission met at the home of President A. Lawrence Lowell in Cambridge and for more than two hours visited various Harvard buildings. The two women of the party, after a busy day Tuesday, spent the forenoon in resting. The programme for the entertainment of the mission was brought to a close last evening with the reception at the American Academy of Arts and Sciences.

Among the professors present at the reception were A. C. Lane of Tufts and the following named men representing Harvard: E. C. Moore, James Hardy Ropes, C. H. Grandgent, George Baker, G. H. Parker, W. C. Sabine, Albert Rushnell Hart, F. N. Robinson, J. H. Woods and Kirsopp Lake.

As the next two cities to be visited are in Canada, the Duke of Devonshire, Governor General of the Dominion, placed his private car at the disposal of the mission and in this the members left the North Station, arriving in Montreal Thursday morning. Toronto will be the next city visited, and if the itinerary is followed, subsequent places will be Ann Arbor, Chicago, Madison, Minneapolis, St. Paul, Des Moines, St. Louis, Cincinnati, Lexington, Louisville, Nashville, New Orleans, Tuskegee, Chapel Hill, Charlottesville, Washington, D. C., and back to Boston, where it is planned to spend three days before sailing for England.

While in Chicago the mission will take part in the meeting of the National Association of State Universities, which convenes Nov. 11 and 12; and on the return to Boston it will participate in the meetings of the Association of American Universities and the Society for the Promotion of Engineering Education at Harvard University and the Institute.

Tonight (Saturday), Lt. Hugh Lofting '09, a member of the Irish Guards, just returned from the front line trenches, will give an address in Room 10-250. Singing will be led by Mr. Natzgar of the Harvard Radio Y. M. C. A.

PROF. TALBOT GIVING LECTURES ON CHEMISTRY AND THE WAR

Professor Talbot gave an illustrated lecture on "Chemistry and the War" before the Weeks Institute at Clinton, Massachusetts, on October 28.

He is scheduled to give an illustrated lecture on "Peach Stones, Chemistry, and the War" at the Newton High School in November, and a lecture on "Chemistry and the World War" before the Manchester Institute of Arts and Sciences at Manchester, New Hampshire, in December, besides two talks in November before private clubs.

BILLIONS OF MATERIAL FOR A. E. F.

Six billion matches have just been purchased by the subsistence division of the Quartermaster Corps for use of the American Expeditionary Force. This purchase represents about one hundred million boxes. Most of them will be packed in containers adapted for mobile and trench warfare. Since northern France is almost continually damped the packages have been made watertight.

MILITARY OFFICE ORDERS

No Passes To S. A. T. C. Men For Week End

The following general and special orders have been issued by Major Cole regarding vaccination, inoculations, appointments and other matters of importance:

- Headquarters S. A. T. C., M. I. T., Cambridge, Mass.,
November 1, 1918.
- SPECIAL ORDERS, NO. 8**
Extract
1. No smoking on any condition will be permitted in Building 1. Non-Commissioned Officers and section leaders will enforce the above regulations.
 2. Army men will be especially careful not to make a noise in Building 1 when excused from study period in the evening as the Navy Unit has taps at 9.30. Section leaders will be required to enforce this order.
 3. Army men will not use the toilets in Building 1 on the first and third floors.
 4. Whenever they use the showers in Building 1, S. A. T. C. men will police them on leaving.
 5. S. A. T. C. men will police after them whenever they leave Building 1.
 6. Vaccinations and inoculations will be held in the Bacteriological Laboratory as yesterday.
- By order of Major Cole.
JOHN M. B. CHURCHILL,
2nd Lieut. Inf., U. S. A.

Headquarters, S. A. T. C., M. I. T., Cambridge, Mass.,
October 30, 1918.

SPECIAL ORDERS, NO. 15

1. On account of the vaccination no passes will be issued for Saturday and Sunday of this week except for urgent reasons and Company Commanders will not send up passes except in accordance with this direction. The whole of the Saturday and Sunday leisure period may be used for finishing up the vaccination.
2. Visitors will not be allowed in the Hospital except parents to see men well enough to meet them in the reception room, or in case of very dangerous illness when parents may be notified and special facilities given them. Outside physicians are not necessary or allowed. We have an ample number of competent physicians for attending to all cases and no outside assistance is desired or permitted. Cases needing special nursing or treatment of an operative nature will be attended to by the government.

(Continued on page 4)

NAVAL UNIT ELEVEN TO GO AGAINST EXETER

For The First Time In Years
A Football Team Composed
Of Men From All Classes Is
Formed

GAME TO BE PLAYED AT EXETER

Football, as a sport representative of the entire Institute, will be given its first appearance today when the eleven which has been formed in the Naval unit will do battle with the Exeter Academy's team on the Exeter field. Aside from a few outside games which the class teams have played in past years, this is the first football game in which members of all classes participated for years. Memories of days before 1910 when the Institute was feebly represented by a football team are recalled, and it is the current opinion that the new inauguration of the sport will prove more successful than any former attempts.

Since the organization of the team, practice has been taking place daily during the noon drill hour and Captain John L. Hurley believes that a fine 'varsity' team can be picked from the promising material now reporting. All the men who struggled with the pigskin in former inter-class battles, are playing a fine game this year, according to Coach John McAuliffe.

Today's game with Exeter will be in the nature of practice and it is thought that the demonstration given here will do much towards indicating the members of the 'varsity' team. No definite schedule of games has been arranged as yet, but it is known that the local Naval unit will have a chance to compete with the one at Harvard Worcester Polytechnic Institute, Boston University and the Institute army unit.

The line-up for today's game will be:

Clarke	.....	r	e
Galagan	.....	r	t
Spaulding	.....	r	g
Herlihy	.....	c	
Boli	.....	l	g
Johnson	.....	l	t
Barker	.....	l	e
Mason	.....	q	b
Hurley	.....	l	b
Brokshaw	.....	f	b
Lane	.....	r	h

The extras who have been picked to make the trip are: Ford, r e; Mareses, r g; Freeman, f b; Krantz, r h.

FROSTED POTATOES

Frosted and decayed potatoes have been found in trials conducted by the United States Department of Agriculture to be entirely capable of producing acceptable and frequently normal yields of clean, white starch of good quality.

Much of this material appears to possess a potential value for the production of sizing starch approximating that of the stock at present used for this purpose. The mechanical difficulties in recovery from decayed pulp are sometimes greater and sometimes less than from normal stock. Modified procedure adapted to these abnormal pulps doubtless could be devised, department specialists say, but there seems to be no reason why the present method might not be applied profitably in the meantime in the production of sizing starch in factories at the large shipping centers installed to utilize the great quantities of frozen and decayed potatoes arriving during the fall and winter. This would turn to profitable account large supplies at present without value, but which are a serious burden of expense since to their cost of production must be added transportation and dumping charges.

Next Monday at 2 o'clock, and Tuesday and Wednesday at 4 o'clock, Professor Hart of Harvard University will speak to the classes in War Issues on the present government of Germany. As this is a subject of vital interest, Professor Pearson believes many members of the faculty will be interested to attend one of these lectures.

The Tech

Established 1881

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IN CHARGE OF THIS ISSUE

Edward Allan Ash Oct. '20 Asst. Night Editor

SATURDAY, NOVEMBER 2, 1918

ONE OR THE OTHER

RUMOR has it that the faculty are seriously considering the feasibility of requesting that the S. A. T. C. be changed into an entirely military or entirely academic organization. They surely have the right idea. Either the studies or the drill must give way or both must suffer and the men will be turned out good in neither.

As the schedules are arranged the military work seriously interfere with the academic work principally because the men are called upon to give up a large part of their spare time for fatigue duty, guard mount, orderly, Ensio Q., barracks police, kitchen police, and so forth. The two hours' study period at night is not enough time for the regular work, let alone making up back work that these duties pile up. The guard duty, for instance, not only takes twenty-four hours to perform, but it leaves a man in such shape that he is good for nothing the next day. The study period may be sufficient for the first term men, but it is not time enough for the work required of the upper classes. From morning to night the day is so broken up that there is no opportunity to settle down to the work for any length of time.

The Navy has turned out a practically entirely academic affair with no seamanship, or drill required. That is the only apparent way they could meet the requirements of the curriculum. Whether the Army will follow suit is a question that remains to be answered. The most efficient way to turn the Institute men into army officers would be to turn the S. A. T. C. into an Officers' Training Camp and give them the military work required. If a man is to be made an engineer officer the most efficient way to get results would be to follow the methods of the engineer officers' training camps rather than spend their time on French, War Issues, Descriptive Geometry, and other courses distantly related to the work of the army engineers. The military drill in itself is exceptionally good, and there has been considerable progress made in the short time allowed. The trouble is that there is not enough time allowed for military work to make a well trained officer out of the S. A. T. C. men. Moreover, no time at all is given to military science and tactics.

The whole trouble in a nutshell seems to be that the S. A. T. C. is attempting to do two things at once and it is impossible to do well in both.

"DO YOUR BIT"

THERE is a crying need of social workers these times when so many of our men are in Military Service. A strong appeal comes from Mr. Kenny, superintendent of the South End House of Boston. He needs leaders for Boys' Clubs. Are you under or over the draft age or physically unfit? Here is an opportunity for genuine service. Our civilian problems must not be neglected in these days of stress. If you can give one or more nights a week to this or some similar calls, report to Mr. Palmquist of the "Y" hut or write him there. Do your bit!

IN Room 10-250, Sunday evening, at six, there will be a big "sing" led by Mr. Natzgar of the Harvard Radio Y. M. C. A. This will be followed by an address by Lt. Hugh Lofting, Technology '09, a member of the Irish Guards, just returned from the front line trenches. Let us pack the room to the doors, and give Lt. Lofting the kind of a reception he deserves.

PERSONALS

Help us make this column interesting by sending in items of interest about Technology men and those who have gone through the government schools. We believe that this column is of great value to men overseas and we are trying to make it more so. We are powerless to do anything, however, unless friends, relatives and class mates give us material to work upon. Address items to
THE PERSONALS EDITOR.

Lieut. William F. Herrick '11 of 105 Colbourne Crescent, Brookline, Mass., was killed in airplane accident in France, and buried there with full mili-



LT. WILLIAM F. HERRICK '11
(C) Boston Photo News Co.

tary honors. He was a graduate of Newton High school and Technology. He attended the U. S. A. School of Military Aeronautics at Technology for ground training and received his commission last May. He had just qualified to go to the front as a scout when he was killed.

Announcement is made of the marriage of Miss Helen Dyer, elder daughter of Rev. William M. Carr, D. D., pastor of the Beekman Hill Methodist Episcopal Church, New York, and Mrs. Carr, to Ensign Joseph Stanley Dale, Jr. Ensign Dale passed a year in the study of aeronautics at Technology and Miami, Fla., and at present is pursuing his studies at Columbia University. The marriage took place at the parsonage—home of the bride's parents—and the ceremony was performed by the father of the bride, assisted by Rev. John R. Mackay, D. D., pastor of the North Presbyterian Church. Fritz Dale, brother of the bridegroom, was best man and Miss Alice Carr was her sister's only attendant. Mrs. Dale is a pianist of ability, having been a student at Syracuse University. She has been engaged in Red Cross work in New York city, particularly at the Chateau-Thierry Club for Wounded Men in Beekman place.

The following letter has been received by O. B. Denison, Secretary of the Class 1911 from Lt. J. L. McAllen '11:

Co. B, 602 Engrs.,
American E. F.

Dear Dennie:

I left Devens in July for France. We have spent some time training over here. We are now at the front. We can hear our artillery and machine guns and once in a while a Boche shell whistles past and bursts. We get gas alarms two or three times a night and have to get up and put on our gas masks. It's a damn nuisance.

We were in the German trenches a few hours after they were captured and saw lots of dead Boche and German machine guns and rifles everywhere.

We are living well—plenty of good food and a warm bed so we have no kick. I'll be glad when this is over, but I don't want to come home till it is.

Yours,

J. L. Allen.

A victim of the Influenza on Oct. 11 was Geoffrey Rice Thayer '13, whose death occurred at St. Luke's Hospital, Bluefield, W. Va., at 4.30 a. m. He had been ill for several days and developed pneumonia. Thayer was a young man of many sterling qualities and was highly esteemed by all who knew him. He had been married but a few months, and was making an enviable progress in his profession which bade fair to attain a very successful future.

Thayer had been a resident of Bluefield, W. Va. but a few short years, coming there with Gibbs & Hill, who put in the electric division, and after the completion of this contract, Thayer was employed by the Norfolk & Western as resident engineer in the electrical department, in which he was very proficient.

He was born in Allston, Mass., on February 3, 1891, and was the son of the late Dr. S. Weston Thayer, and grandson of the late Maj. Chas. E. Rice, a soldier of the Federal army in the war between the states. He was a graduate of Technology. He was married on July 17, of this year, to Miss Meta A. Jordan, daughter of Mr. and Mrs. H. C. Jordan, of Bluefield, who survives him. He is also survived by his mother, Mrs. Gertrude R. Thayer; sister, Miss Barbara Thayer, and grandmother, Mrs. Rice, all of Boston. None of his relatives will be able to get here to attend the funeral, which will be held this afternoon at 3.30 o'clock, with only burial services at the grave in Walnut Grove cemetery.

Thayer was very active while at Technology, he was a member of the Vectors, Osiris, Masque, E. E. Society, Walker Club, Mandolin Club, and Kappa Theta Fraternity. He was a member of the Masonic Fraternity.

Word has just reached Boston of the assignment of First Lieutenant J. Allen Praether, husband of a recent Boston war bride, to the rank of commanding officer of the entire overseas contingent of American airmen.

Lieut. Praether last April married Miss Edith Ryan, daughter of Mrs. Ellen M. Ryan of South Boston. Mrs. Praether joined her husband at Fort Worth, Tex., returning to Boston when Lieut. Praether received his European command.

Lieut. Praether is a California man, a graduate of Washington University. While attending the aviation school at Technology he met his bride, an active Red Cross worker. A hasty romance culminated in a spring wedding.

Lieut. Praether, who is 28, is undoubtedly the youngest American abroad in command of so important a branch of service.

J. F. Maguire '17 and W. T. Hall '18 have returned to Technology as instructors. They went to Camp Devens early this summer and were transferred to Chemical Warfare at Cleveland. After being there some time they were transferred to the infantry and sent back here on an indefinite leave of absence. They are at the present helping Cadet



J. F. MAGUIRE '17

Colonel Hamilton to drill the Technology Battalion. Maguire was born January 30, 1895. He prepared at Boston English High School, and entered with the Class of 1917. He was a member of the Chemical Society and the Catholic Club. In his second year, he was on the hockey team and on the News Staff of the Tech. Hall comes from Glencoe, Ill. He was a member of Course X and was secretary of the Chemical Society. He is a member of the Kappa Sigma Fraternity and the K-2 Society.

HEATING THE BUILDINGS

WHAT has happened to the elaborate heating system in the Institute during the last few warm days? We have heard that there is a shortage of coal, but apparently the Institute has the right to burn as much as it likes. Let us reduce heat and thereby save coal. **HELP THE GOVERNMENT.**

Have you paid that dollar to the "Y" Recreation Fund? Something over 200 men have done so but we want a round 1000. Give the Fund a boost. Talk it up.

First Lt. Donald D. Warner '19, U. S. aviation service, is on his way home from France. Wounded in action as a bombing observer, he is invalided home. Injuries to his right leg laid him up for weeks in a base hospital.

It was Sept. 4 Lt. Warner, in one of a squadron of seven American bombing planes, started over the German lines. The squadron was attacked by 11 German planes and four American birdmen were wounded. All American planes returned.

Warner, according to the surgeons, will eventually be able to walk without limping. He has been awarded the distinguished service cross. Letters to his mother, Mrs. Caroline E. Warner of Swampscott and Boston, manager of the William Filene restaurant, tell of his fight and wound, but say nothing of his having received the D. S. C. nor of his return home.

Lt. Warner was born in Rochester, N. Y., Feb. 25, 1895. He came to Boston with his mother and was graduated from Boston English High. He entered the Institute and would have graduated this year.

He enlisted in the United States air service in July, 1917, and was assigned to special training course at Technology going from there to Mineola. November of last year he went to France with the commission of first lieutenant.

Notice of his promotion to a captaincy has just been received by First Lieutenant Dudley Clapp, C. W. S. '10 of Dorchester. Captain Clapp is secretary and the youngest member of the class of 1910. He was at Plattsburg in 1916, leaving there with the rank of top sergeant. In the summer of 1917 he enlisted and went to France with the first unit of gas defence officers that was sent from the United States.

For some months he has been acting chief of the gas service of the second corps and has just received notice of his promotion which dates back several weeks.

PROPOSED RADICAL CHANGES IN THE ARMY UNIFORM

Radical changes in the uniform of the American Army officer and the enlisted man are provided for in a plan now under consideration at general headquarters of the American Expeditionary Force, to be submitted later to the War Department, according to the Stars and Stripes of Sept. 27. An Army board which has been conferring with tailor experts has had the subject before it for several weeks. If the changes are finally adopted the uniform will show these differences:

Brass buttons wherever bronze ones are now used. This change is considered necessary because of the growing difficulty in obtaining bronze in the quantity needed for the Army.

Patches of colored cloth sewn on the collars of all blouses and overcoats to show branch of Service. Embroidered regimental numerals placed on the patches of color.

Black visored caps for officers and enlisted men. The officer's cap will be similar in lines to the present one, but the crown will be higher at the front and lower at the back. A broad colored stripe of color will show the branch of Service.

Gold stripes paralleling the service stripe will show rank—a single stripe for a second lieutenant, two for a first lieutenant, three for a captain, four for a major, four gold ones with a silver stripe in the center for a lieutenant colonel. Five gold stripes for a colonel. Higher ranks will have other distinctive markings. A gold eagle will be mounted over the visor on all officers' caps, much in the position of the ornament on the present cap.

The enlisted man's cap will have a black visor and black band, with a single stripe of color at the top of band to show branch of Service. It also will have an ornament in position corresponding to the one on an officer's cap.

The officer's blouse, to be worn with Sam Browne belt, will be longer than at present, and very roomy below the waist, which will be form fitting with an inseamed belt. The coat skirt will have a long vent at the rear. The flaring effect will be pronounced all around. The breast pockets will have pleats. The lower pockets will be cut in, only the flap marking where the pocket is, and they will have an inside-bellows effect, giving great carrying room but preserving an unruffled coat front. The present sleeve braid will become a sort of cuff, having an angle with piping in color of branch of Service.

The great coat for officers will have a convertible collar, to be worn either roll down or buttoned up under the chin with the new color patches on each side. It will be double-breasted and have two rows of large composition buttons.

The blouse for enlisted men will be longer than at present and cut so that there will be no gap at the bottom when

(Continued on Page 3)



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UNIFORM CHANGES

(Continued from page 2)

it is buttoned. It also will have color patches. Pocket seams will not show on the outside only the flaps marking the position of the pockets. The lower pockets will be belloyed inside as in the officer's blouse to give a maximum carrying capacity without bulging the coat front.

The enlisted man's overcoat will be single-breasted, with one row of brass buttons, the pockets at the sides running at an angle. The collar will be similar to the collar of an ordinary raincoat, and fit closely at the neck. It also will bear the color patches.

In addition to the question of general uniform changes, the board may recommend changes in officers' insignia, chevrons for non-commissioned officers and service chevrons. Samples of the new non-commissioned officers' chevrons are radically different from those now worn. They are much larger and wider and curved to a point. On the coat sleeve they look like the markings of a coast line on a map, the edges of each stripe being black. It is also proposed that service chevrons be much smaller and of dark or olive gray cord-like material. Also that they be on the upper instead of the lower half of the left sleeve.

MESS HALL


(Continued from page 1)

The extreme care taken of the kitchen, the refrigerators, the bakery, and the dish-washing room insures the cleanliness of the food the fellows get. The counters are all thoroughly scrubbed, and the floors mopped after each meal. The machines in the kitchens for preparing the huge volume of foodstuffs are cared for continually. Thus it is seen that every precaution is being taken to safeguard the health of the fellows; no mother need fear ptomaine poisoning, as only the best food is used in the cleanest manner possible.

CHEMICAL ANALYSIS OF FOOD PRODUCTS

Arrangements have been made by the Subsistence Division of the Quartermaster Corps whereby the laboratories of the Bureau of Chemistry, Department of Agriculture, throughout the United States are to be more fully utilized by the Army. Through this arrangement the inspection of food products which requires chemical analysis will be made to a greater extent under the direction of the general supply depots at the source of manufacture. Delays occasioned under the former procedure of having inspection made at the delivery point will thus be avoided. At times ears of greatly needed food products have been held up pending report of analyses. Under the new system such products will have been completely inspected at point of purchase. The new system will be particularly effective in handling canned milk, putting milk upon the same basis of inspection as canned meat products in large packing houses. Further arrangements have been made whereby if it develops that any stations of the Department of Agriculture are too remotely situated to afford the proper service, stations will be promptly established by the Bureau of Chemistry to give the required service. This arrangement is another of the steps which the Quartermaster Corps is taking to co-ordinate all Government departments in securing the best supplies and service for the troops.

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USE OF SACCHARIN FOR SUGAR REGARDED AS ADULTERATION

The use of saccharin in foods is regarded as an adulteration under the food and drugs act, according to a statement issued by the United States Department of Agriculture.

The department had been asked by various interests to reverse, or, at least to reconsider, the position which it took in 1911 upon the use of saccharin in food brought under the jurisdiction of the Federal food and drugs act. This position in effect is that investigation has shown that the continued use of saccharin for a long time, in quantities over three-tenths of a gram a day, is likely to impair digestion, and that the addition of saccharin for cane sugar and other forms of sugar reduces the food value of the product, and hence lowers its quality. Therefore, the Secretary of Agriculture declared that he would regard as adulterated under the food and drugs act and food containing saccharin which might be brought under the jurisdiction of that law.

The department declares it is aware of no investigations which contribute any more recent evidence pointing to the harmlessness of saccharin. It has therefore declined to reverse its decision, and it has regarded it as unfitting at this time to reopen the question, for the reason that a case is now pending in the courts in which the issues are presented clearly. The department will endeavor to press the trial of this case.

ONE WEEK'S PURCHASES OF FOODSTUFFS FOR THE ARMY


Some idea of the magnitude of food purchases for the Army may be gained from the minutes of the Board of Review in the office of the Quartermaster General, which passes on all contract purchase orders over \$5,000. For the week ending September 28 some of the purchases and contracts for foodstuffs authorized by the Board of Review were: Tomatoes, \$1,736,163; evaporated milk, \$328,400; hard bread \$1,169,373; salmon \$269,274; flour, \$701,069; sugar, \$84,186; lard substitutes \$28,079; jam, \$41,702; fresh beef, \$3,255,758; pork, \$176,147; sirup, \$25,500; rice, \$22,144; dehydrated vegetables, \$15,750; coffee \$115,199; candy, \$19,250; canned beans, \$206,953. Purchases of forage for horses included: Oats \$1,123,850; bran, rye and barley, \$42,823; hay, \$619,86. Soap purchases to the amount of \$264,539 were also made during the same period of time.

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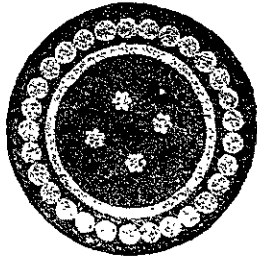
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201 DEVONSHIRE ST. BOSTON
CHICAGO SAN FRANCISCO**WANTED**Two men to wait on table.
Call at Employment Office in the "Y"
hut.**CLEOFAN**

(Continued from page 2)

1918, was largely attended. Owing to the fact that Miss Celeste Brennan '18 has left to accept a position in Virginia, Miss Dorothea Brownell '20, by vote of the executive committee, was made president and she presided. A new treasurer, Miss Florence Fogler '20, was elected to take the place of Miss Grace Montrose '20, who has also left for distant parts. Since many of the students will be here only until January, it was decided that they should be taxed one-half of the regular membership fee of one dollar. When the business meeting was concluded a busier meeting began, that of becoming acquainted, for many of the girls were total strangers to one another. A Thanksgiving Tea and a Christmas Tea are coming along with their respective days and it is hoped that as many members as came to the last will find it possible to come to them.

Cornelia Nelson '21,
Secretary.**MAJOR COLE'S BULLETINS**

(Continued from page 1)

the men being sent to proper hospitals.

3. It is impracticable to allow mothers and fathers in the Hospital interfering or suggesting or worrying in any degree about the treatment of the patients, and they will not be allowed except as above provided. Visiting will be allowed to convalescents only between 2 and 4 p. m. Parents who have been notified in special cases will be given special treatment according to circumstances.

4. That parents need have no anxiety about their boys receiving proper treatment is proved by the fact that we have over a thousand men under the unusual conditions of the influenza epidemic and have by prompt and careful treatment cured all cases except one and in that case the man had pneumonia before we got hold of him. He died in the City Hospital and while he was here had a consultation of six physicians in one day and two days afterward another consultation of six others. In fact, while he died, he could not have had better medical treatment if he had had a million dollars.

5. Men will not be allowed to go home when sick for treatment. These men are soldiers and while every care will be taken of them it must be understood that their status is military and that the matter of going to their homes is a privilege granted under unusual conditions.

By order of Major Cole.

JOHN M. B. CHURCHILL,
2nd Lieut., Inf., U. S. A.
Assistant Adjutant.HEADQUARTERS S. A. T. C.
Massachusetts Institute of Technology,
Cambridge, Mass.

October 31, 1918.

GENERAL ORDERS, NO. 7

Extract

1. 2nd Lieut. A. L. Nims is hereby relieved from Supply Officer, 1st Battalion and appointed Commanding Officer, Co. I, vice 2nd Lieut. G. H. Allen.

2. 2nd Lieut. W. P. Harris is transferred from Co. C and placed in command of Co. E, vice 2nd Lieut. J. D. Shaw, Commanding Officer, Co. E, relieved.

3. 2nd Lieut. W. H. Owens is transferred from Co. K and appointed Company Commander Co. F, vice 2nd Lieut. J. H. Sloan, relieved.

JOHN M. B. CHURCHILL,
2nd Lieut. Inf., U. S. A.
Asst. Adjutant.**ENFORCING THE DRAFT RULES
AT THE SHIPBUILDING YARDS**

Provost Marshal General Crowder has recently had conferences with Charles M. Schwab, Edward N. Hurley, and Charles Piez, of the United States Shipping Board and Emergency Fleet Corporation, concerning the more effective enforcement of the Selective Service Regulations regarding employees of shipyards and allied manufacturing concerns who are building ships and manufacturing ship equipment.

For several months the office of the Provost Marshal General and the United States Shipping Board and Emergency Fleet Corporation have been co-operating in removing from the Emergency Fleet classification list registrants who have been found unworthy of the privilege of Emergency Fleet listing, and during the past few months more than 20,000 registrants have been removed from the lists by reports made to local boards by the Emergency Fleet Corporation. It is expected that as a result of the recent conferences a procedure will be adopted strictly in conformity with existing regulations, but by means of which the removal from Emergency Fleet classification lists of registrants who have quit the yards and factories, or who are not putting in a reasonable amount of time each week, will be facilitated.

Recently published statements to the effect that there will be radical changes in the existing regulations are incorrect. The necessary remedy already exists in the regulations. Neither is the published statement correct that all right to claim deferred classification by, or on behalf of, necessary employees in shipyards and factories has been withdrawn. Such claims may be made in the same manner as claims for necessary employees in other necessary industries.

Did you hear the chimney was sick?
It has the "Flue."**Dividend
Checks**will be given out on and
after**FRIDAY, NOV. 1st****BRING YOUR MEMBERSHIP
CARDS FOR IDENTIFICATION****TECHNOLOGY BRANCH****Windproof
Leather
Blouse**

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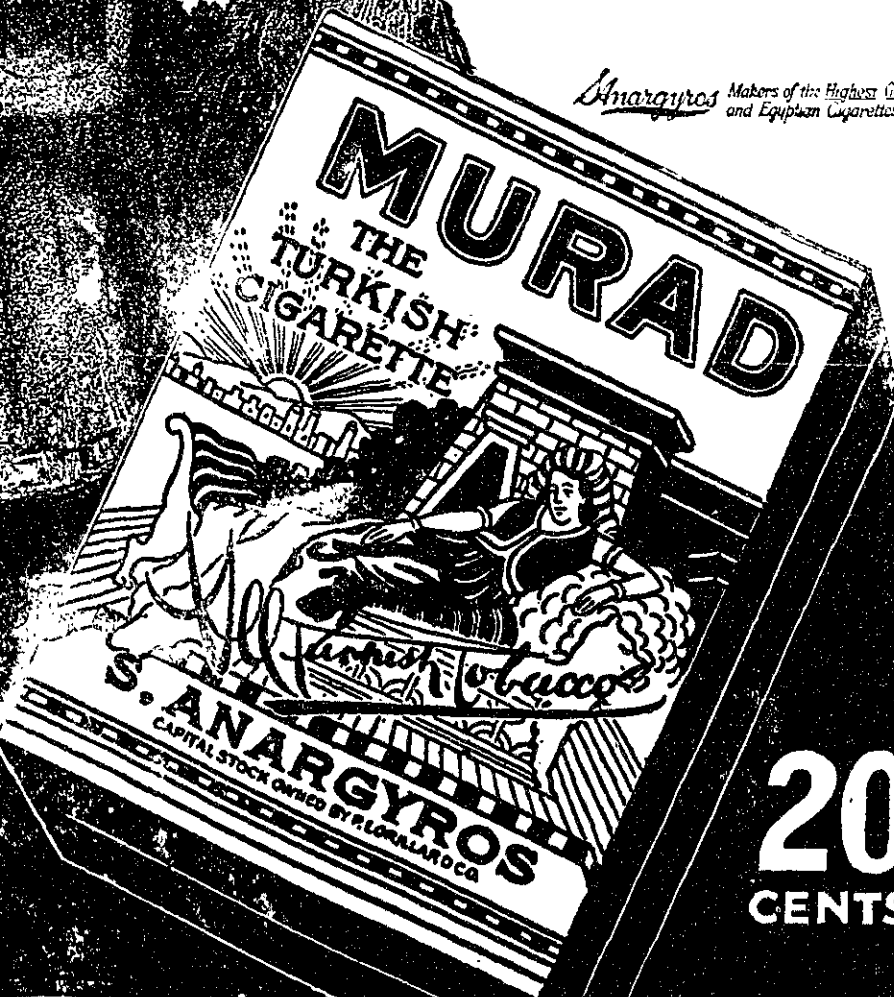
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